






Trees and Shrubs of Otter Creek Park

-  Species which have a reasonably good possibility of occurring but at present have not been observed at Otter Creek Park.
 Species which are non-native to this area.

Pinaceae

-  **White Pine** *Pinus alba*
 Reforested areas of park
 **Loblolly Pine** *Pinus taeda*
 West side of park, coniferous forests
 **Pitch Pine** *P. rigida*
 Nature Center and along roadways
Virginia Pine *P. virginia*
 Scattered throughout reforested areas mostly

Gramineae

- Cane** *Arundinaria gigantea*
 Riverfront and Otter Creek






Cupressaceae

- Eastern Redcedar** *Juniperus virginiana*
 Throughout worn-out fields and eroded slopes

Liliaceae


- Bristly Greenbrier** *Smilax bona-nox*
 Scattered throughout forested areas
Glaucous Greenbrier *S. glauca*
 Leached and eroded areas
Hispid Greenbrier *S. hispida*
 Scattered throughout
Greenbrier *S. rotundifolia*
 Found mostly in early successional thickets


Salicaceae

-  **White Poplar** *Populus alba*
 Found as older trees in maintained areas and younger trees in forest edge and roadsides
Cottonwood *P. deltoides*
 Mostly found in floodplain of Otter Creek and Ohio River
 **Swamp Cottonwood** *P. heterophylla*
 Alluvial bottomlands
Sandbar Willow *Salix interior*
 Colonies along waterways.
Black Willow *S. nigra*
 Along Ohio River, Otter Creek and Nature Center pond
 **Carolina Willow** *S. caroliniana*
 Stream banks
 **Upland Willow** *S. humilis*
 Dry ground and lowland clearings in moist soil
 **Silky Willow** *S. sericea*
 Small streams in open areas

-  **Dwarf Upland Willow** *S. tristis*
 Dry ground and in lowland clearings

Juglandaceae

- Pecan** *Carya illinoensis*
 Riverfront at railroad tracks
Pignut Hickory *C. glabra*
 Scattered throughout
Shagbark Hickory *C. ovata*
 Scattered throughout
Mockernut *C. tomentosa*
 Scattered throughout and behind Nature Center
Bitternut Hickory *C. cordiformis*
 Mesophytic forest
 **Big Shagbark Hickory** *C. laciniosa*


- Alluvial bottomlands
Black Walnut *Juglans nigra*
 Scattered throughout
 **Butternut** *J. cinerea*
 Mesophytic slopes

Betulaceae

- Hornbeam, Blue Beech** *Carpinus caroliniana*
 Creek banks and mesophytic forest
Hop Hornbeam *Ostrya virginiana*
 Dry hillsides of oak woods
American Hazelnut *Corylus americana*
 Forest edge habitat
River Birch *Betula nigra*
 Riverfront

Fagaceae

- Chinese Chestnut** *Castanea mollissima*
 Pipeline near Tecumseh
American Beech *Fagus grandifolia*
 Mesophytic forests
White Oak *Quercus alba*
 Mesophytic forest
Northern Red Oak *Q. borealis*
 Mesophytic forest
Scarlet Oak *Q. coccinea*
 Upland areas
Southern Red Oak *Q. falcata*
 Throughout; mainly uplands
Shingle Oak *Q. imbricaria*
 Uplands
Blackjack Oak *Q. marilandica*
 Eroded lands and upland areas
Chinkapin Oak *Q. muehlenbergii*
 Hilly areas

- Pin Oak** *Q. palustris*
 Lowland forest
Post Oak *Q. stellata*
 Upland areas (dry rocky ground)
Black Oak *Q. velutina*
 Uplands and slopes
 **Swamp White Oak** *Q. bicolor*
 Moist ground
 **Overcup Oak** *Q. lyrata*
 Moist ground
 **Bur Oak** *Q. macrocarpa*
 Open areas
 **Swamp Chestnut Oak** *Q. michauxii*
 Swamp forests
Shumard Oak *Q. shumardii*
 Rich moist soil

Ulmaceae

- American Elm** *Ulmus americana*
 Moist woodlands
Slippery Elm *U. rubra*
 Dry hillsides and well-drained bottomlands
Winged Elm *U. alata*
 Throughout
 **Rock Elm** *U. thomasi*
 Dry limestone slopes
Hackberry *Celtis occidentalis*
 Throughout
Dwarf Hackberry *C. tenuifolia*
 Dry rocky habitat
 **Sugarberry, Smooth Hackberry** *C. laevigata*
 Low ground





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Moraceae

-  **Osage Orange** *Maclura pomifera*
 Old fencerows and early successional forest
 **White Mulberry** *Morus alba*
 Riverfront
Red Mulberry *M. rubra*
 Throughout

Loranthaceae

- Mistletoe** *Phoradendron flavescens*
 In trees along riverfront

Menispermaceae

- Cupseed** *Calyculcarpum lyoni*
 Floodplain forest
Moonseed *Menispermum canadense*
 Moist forest

Magnoliaceae

- Tuliptree** *Liriodendron tulipifera*
 Mesophytic forest

Annonaceae



- Papaw** *Asimina triloba*
 Moist sections of forest

Lauraceae

- Spicebush** *Lindera benzoin*
 Moist sections of forest.
Sassafras *Sassafras albidum*
 Throughout

Saxifragaceae

- Wild Hydrangea** *Hydrangea arborescens*
 Moist forest on steep slopes
Mock-orange *Philadelphus sp.*
 Van Buren cliff tops

-  **Prickly Gooseberry** *Ribes cynosbati*
 Rocky wooded slopes
 **Missouri Gooseberry** *R. missouriense*
 Rocky wooded creek banks




Hamamelidaceae





- Witch Hazel** *Hamamelis virginiana*
 Moist forest and forest edge
Sweet Gum *Liquidambar styraciflua*
 Forest edge around utility easements

Platanaceae

- Sycamore** *Platanus occidentalis*
 Moist habitat throughout

Rosaceae

- Serviceberry** *Amelanchier arborea*
 Upland forest
Carolina Rose *Rosa carolina*
 Fields and forest edge
Multiflora Rose *R. multiflora*
 Forest edge
 **Swamp Rose** *R. palustris*
 Wet areas
Roses *Rosa spp.*
 Entrance roadsides
Black Cherry *Prunus serotina*
 Throughout
Common Chokeberry *P. virginiana*
 Planted at Nature Center, possibly along forest edges
 **Peach** *Prunus persica*
 Utility easements
Plum *Prunus sp.*
 Entrance roadside
 **Pear** *Pyrus communis*
 Camp Tecumseh
Blackberry *Rubus allegheniensis*
 Forest edges throughout
Black Raspberry *R. occidentalis*
 Throughout

-  **Blackberries and dewberries** *Rubus spp.*
 **Hawthorns** *Crataegus spp.*
Ninebark *Physocarpus opulifolius*
 Limestone outcrop areas
 **Apples** *Pyrus spp.*
 **Steeplebush** *Spiraea tomentosa*
 Sunny, wet, flat, poorly drained ground


Leguminosae

- Indigo Bush, False Indigo** *Amorpha fruticosa*
 Riverfront in riprap
Redbud *Cercis canadensis*
 Throughout
Honey Locust *Gleditsia triacanthos*
 Open areas in the north end of the park
Kentucky Coffee-tree *Gymnocladus dioica*
 Along slopes of Ohio River valley
Black Locust *Robinia pseudoacacia*
 Uplands mostly
 **Wisteria** *Wisteria sp.*
 In open woods across from Administration Building


Rutaceae

- Prickly Ash** *Xanthoxylum americanum*
 Garnettsville rock quarry



Simaroubaceae

-  **Tree of Heaven** *Ailanthus altissima*
 Open areas throughout

Anacardiaceae

- Aromatic Sumac** *Rhus aromatica*
 Dry rocky habitat mostly
Winged Sumac, Shining Sumac *R. copallina*
 Dry rocky habitat and forest edge
Smooth Sumac *R. glabra*
 Open areas and forest edge
 **Staghorn Sumac** *R. typhina*
 Forest edge
Poison Ivy *Toxicodendron radicans*
 Throughout

Celastraceae

-  **Bittersweet** *Celastrus scandens*
 Forest edge and fencerows
Strawberry Bush *Euonymus americanus*
 Moist valleys and stream banks
Wahoo *E. atropurpureus*
 Throughout
 **Wintercreeper** *E. fortunei*
 Throughout

Staphyleaceae

- Bladdernut** *Staphylea trifolia*
 Moist wooded slopes

Aceraceae

- Red Maple** *Acer rubrum*
 Throughout, mostly in moist ground
Silver Maple *A. saccharinum*
 Riverfront and floodplain forest



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Sugar Maple Throughout, mostly in mesophytic forest	<i>A. saccharum</i>	English Ivy Old home sites as well as around newer buildings	<i>Hedera helix</i>	Coralberry, Buckberry Throughout; most common understory shrub	<i>Symphoricarpos orbiculatus</i>
Boxelder Floodplain forest and open areas	<i>A. negundo</i>			Arrow-wood Forest edge, especially in powerline clearings	<i>V. dentatum</i>
Black Maple Mesophytic forest	<i>A. nigrum</i>	Cornaceae		Southern Black-haw Limestone soils	<i>V. rufidulum</i>
Hippocastanaceae		Roughleaf Dogwood Dry habitat throughout	<i>Cornus drummondii</i>	Black-haw Throughout, mostly dry rocky habitat	<i>V. prunifolium</i>
Ohio Buckeye Valley slopes along creeks	<i>Aesculus glabra</i>	Flowering Dogwood Throughout	<i>C. florida</i>	Maple-leaf Vibernum Mesophytic forest	<i>V. acerifolium</i>
Rhamnaceae		■ Alternate-leaf Dogwood Rich mesophytic forest	<i>C. alternifolia</i>	■ Kentucky Viburnum Cliffs, rocky creek banks, and moist slopes	<i>V. molle</i>
Carolina Buckthorn Upland forest, especially in open situations	<i>Rhamnus caroliniana</i>	■ Silky Dogwood Stream banks	<i>C. amomum</i>	■ Arrow-wood Wooded slopes	<i>V. rafinesquianum</i>
■ New Jersey Tea Dry open woods	<i>Ceanothus americanus</i>	■ Silky Dogwood, Pale Dogwood Stream banks	<i>C. obliqua</i>	■ Arrow-wood Wooded stream banks	<i>V. recognitum</i>
Vitaceae		Ebenaceae			
Catbird Grape Moist, open areas	<i>Vitis palmata</i>	Persimmon Throughout	<i>Diospyros virginiana</i>		
Frost Grape Throughout	<i>V. vulpina</i>	Oleaceae			
■ Summer Grape Open woods and thicket	<i>V. aestivalis</i>	White Ash Throughout	<i>Fraxinus americana</i>		
■ Fox Grape Moist ground in thickets and clearings	<i>V. labrusca</i>	Biltmore Ash <i>F. americana</i> var. <i>biltmoreana</i>			
■ Riverbank Grape Riverfront	<i>V. riparia</i>	Green Ash <i>F. pennsylvanica</i> var. <i>subintegerrima</i>			
Virginia Creeper Throughout	<i>Parthenocissus quinquefolia</i>	■ Red Ash <i>F. pennsylvanica</i> var. <i>pennsylvanica</i>			
Heart-leaf Ampelopsis Floodplain thickets	<i>Ampelopsis cordata</i>	Blue Ash Limestone outcrops especially on cliff tops	<i>F. quadrangulata</i>		
Tiliaceae		Bignoniaceae			
■ Basswood, Linden Mesophytic forest	<i>Tilia americana</i>	Cross Vine Throughout, in open woods and rocky ground	<i>Bignonia capreolata</i>		
Hypericaceae		Trumpet Creeper Open disturbed soil	<i>Campsis radicans</i>		
Shrubby St. John's Wort Woodland borders	<i>Hypericum spathulatum</i>	Northern Catalpa Maintained areas	<i>Catalpa speciosa</i>		
Thymeleaceae		■ Royal Paulownia Riverfront on steep slopes	<i>Paulownia tomentosa</i>		
Leatherwood Low, moist woodlands	<i>Dirca palustris</i>	Caprifoliaceae			
Nyssaceae		■ Japanese Honeysuckle Throughout	<i>Lonicera japonica</i>		
Sour Gum, Black Gum, Black Tupelo Throughout	<i>Nyssa sylvatica</i>	Wild Honeysuckle Cliffs along riverfront	<i>L. dioica</i>		
Araliaceae		Common Elder, Elderberry Riverfront bottoms	<i>Sambucus canadensis</i>		
Hercules'-Club, Devil's Walkingstick Moist open woods	<i>Aralia spinosa</i>				

Helpful resources for preparing this listing included *Trees and Shrubs of Kentucky*, Mary E. Wharton and Roger W. Barbour, University of Kentucky Press, 1973; *An Illustrated Flora of the Northern United States and Canada*, Nathaniel Lord Britton and Hon. Addison Brown, Dover Publications, Inc., New York, 1970; *Plant Life of Kentucky*, An Illustrated Guide to the Vascular Flora, Ronald L. Jones, The University Press of Kentucky, 2005.



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